

SECTION VI.—BIBLIOGRAPHY.

RECENT ADDITIONS TO THE WEATHER BUREAU LIBRARY.

C. FITZHUGH TALMAN, Professor in charge of Library.

The following have been selected from among the titles of books recently received as representing those most likely to be useful to Weather Bureau officials in their meteorological work and studies:

Anfossi, G[iovanni].

La pioggia nella regione Lombarda. Firenze. 1914. 71-294 p. 2 pl. 24 $\frac{1}{2}$ cm. (Dainelli, Giotto. Materiali per la climatologia d'Italia. IV.)

Qualche dato intorno all'effetto utile delle precipitazioni per l'alimentazione dei corsi d'acqua. Firenze. 1914. 4 p. 24 cm. (Estratto dalla Rivista geografica italiana, anno 21, fasc. 3, 1914.)

Bouches-du-Rhône. Commission de météorologie.

Bulletin annuel, 1913, 32^{me} année. Marseille. 1914. xii, 71, xxxii p. plate. 28 cm.

Cambridge. University. Solar physics observatory.

First annual report of the Director, 1913 April 1—1914 March 31. [Cambridge. 1914.] 16 p. 28 cm.

Ekhholm, Nils.

Om naturens värmehushållning. Uppsala. 1914. 299-325 p. 21 $\frac{1}{2}$ cm. (Reprint: K. Vetenskapsakademiens årsbok, årg. 12, 1914.)

Harvard seismographic station.

Fifth annual report including records, 1 August, 1912-31 December, 1913, by J. B. Woodworth. Cambridge, Mass. 1914. 55-77 p. 24 $\frac{1}{2}$ cm. (Bulletin of the Museum of comparative zoölogy at Harvard college, v. 55, no. 3.)

Hillers, Wilhelm.

Theoretische und experimentelle Beiträge zur Aufklärung des dreifachen Bildes einer Luftsiegelung, im Anschluss an photographische Aufnahmen und Beobachtungen einer ständigen Luftsiegelung bei Blankenese. Hamburg. 1914. 55 p. plate. 27 $\frac{1}{2}$ cm. (Abhandlungen aus dem Gebiete der Naturwissenschaften, 20. Band, 2. Heft.)

Leverett, Frank.

Surface formations and agricultural conditions of northwestern Minnesota. With a chapter on climatic conditions of Minnesota, by U. G. Purcell. Minneapolis. 1915. vi, 78 p. plates. 22 $\frac{1}{2}$ cm. (Minnesota geological survey. Bulletin no. 12.)

Löhnis, F[elix].

Landwirtschaftliche Physik und Witterungskunde. 3. neubearb. Aufl. Leipzig & Berlin. 1914. vi, 140 p. 20 $\frac{1}{2}$ cm.

Mellish, Henry.]

The weather of 1914, at Hodsock Priory, Worksop. 8 p. plate. tab. 22 cm.

Muret, E., & Mercanton, P[aul] L[ouis].

Les variations périodiques des glaciers des Alpes Suisses, 34^{me} rapport, 1913. Berne. 1914. 235-253 p. (Extrait de l'Annuaire du S. A. C., 49^{me} année.)

Mylius, E.

Wetterkunde für den Wassersport. Berlin. 1914. 108 p. 21 pl. 24 cm. (Yacht-Bibliothek, herausg. von der Redaktion der Zeitschrift "Die Yacht." Band 8.)

Mysore. Meteorological department.

Report on rainfall registration, 1913. Bangalore. 1914. xvii, 49 p. plates. maps. 31 cm.

Radcliffe observatory, Oxford.

Results of meteorological observations, 1914, vol. 6, part 4. Oxford, etc. 1915. 61-80 p. 25 $\frac{1}{2}$ cm.

Rahkmanov, G.

Osnovy meteorologii. [Elements of meteorology.] Tret'e izdanie. Moskva. 1913. 131 p. plates. 24 cm. [Russian text.]

Speerschneider, C. J. H.

Om Isforholdene i Danske Farvande i ældre og nyere Tid. Aarene 690-1860. [The state of the ice in Danish waters in former and present times.] Kjøbenhavn. 1915. 141 p. plate. 25 cm. [Danish text, with English summary.] (Danske meteorologiske Institut. Meddelelser Nr. 2.)

Stonyhurst college observatory.

Results of meteorological, magnetical, and seismological observations, 1914. Blackburn. 1915. xxi, 52 p. plate. 18 $\frac{1}{2}$ cm.

Surinam. Departement van den Landbouw.

Meteorologische waarnemingen, gedaan op de meteorologische stations in de koloniën Suriname en Curaçao, 1913. Amsterdam. [1914.] unp. 24 cm.

Thoroddsen, Th[orvald].

An account of the physical geography of Iceland. Copenhagen, etc. 3 p.l., 191-343 p. 26 cm. (The Botany of Iceland, ed. by L. K. Rosenvinge, and Eug. Warming. Part I, [no.] 2.) [Climate, p. 266-291.]

Islands Klima i Oldtiden. (In Geografisk Tidskrift, København, 1914, 22. Bind, Hefte 6, p. 204-216.)

Union of South Africa. Senate.

Report from the Select committee on droughts, rainfall and soil erosion. [1914.] xii, 55, xxviii p. 2 maps. 33 $\frac{1}{2}$ cm. (4th sess—1st parliament. Senate S. C. 2—1914.) [Appendix A: Statement showing the rainfall at various stations in the Union, for which fairly long records are available. With maps giving average annual rainfall and seasonal distribution of rainfall.]

Zi-ka-wei. Observatoire magnétique, météorologique et sismologique.

Bulletin des observations. Tome 36, année 1910. Météorologie. Chang-hai. 1914. xxxiii, 153 p. plates. 31 cm.

Bulletin des observations. Tome 36, année 1910. Sismologie. Chang-hai. 1914. 18 p. 31 cm.

RECENT PAPERS BEARING ON METEOROLOGY AND SEISMOLOGY.

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The subjoined titles have been selected from the contents of the periodicals and serials recently received in the library of the Weather Bureau. The titles selected are of papers and other communications bearing on meteorology and cognate branches of science. This is not a complete index of the meteorological contents of all the journals from which it has been compiled. It shows only the articles that appear to the compiler likely to be of particular interest in connection with the work of the Weather Bureau.

American geographical society. Bulletin. New York. v. 47. March, 1915.

Huntington, Ellsworth. Terrestrial temperature and solar changes. p. 184-189.

American society of civil engineers. Proceedings. New York. v. 41. March, 1915.

Meyer, Adolph F. Computing run-off from rainfall and other physical data. p. 549-648.

Astronomical society of the Pacific. San Francisco. v. 27. February, 1915.

Selga, M. The Ebro observatory, Tortosa, Spain. p. 21-27.

Geographical journal. London. v. 45. February, 1915.

Davison, Charles. The earthquake in central Italy on January 13. p. 145-146.

Indian meteorological department. Memoirs. Calcutta. v. 19. 1914.

Harwood, W. A. A discussion of the anemographic observations recorded at Port Blair from September, 1894, to August, 1904. p. 141-189.

Harwood, W. A. A discussion of the anemographic observations recorded at Dhubri from November, 1889, to May, 1896. p. 191-214.

Journal of geography. Madison. v. 13. March, 1915.

Ward, Robert DeCourcy. The European winter and the war. p. 208-215.

Nature. London. v. 84. February 25, 1915.

Braak, Cornelius. A remarkable dry fog in the East Indian archipelago. p. 699.

Nature. London. v. 95. 1915.

Whitmell, C. T. The green flash. p. 35-36. (Mar. 11.)

Davison, Charles. The Avezzano earthquake of January 13. p. 76-77. (Mar. 18.)